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MATERIAL SAFETY DATA SHEET

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Product #: 160 1-OCTEN-3-OL, (AMYL VINYL CARBINOL) FCC

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1-800-424-9300 Chemtrec (North America)
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SECTION 1. CHEMICAL IDENTIFICATION

Product Code: 160
Product Name: 1-OCTEN-3-OL, (AMYL VINYL CARBINOL) FCC

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS #: 3391-86-4
FEMA #: 2805
MF: C8H16O
EC NO: 222-226-0
SYNONYM(S)
1-OCTEN-3-OL
Mushroom Alcohol

SECTION 3. HAZARDS IDENTIFICATION

HMIS HAZARD CLASSIFICATIONS

HEALTH = 2 FLAMMABILITY = 2 REACTIVITY = 0 PROTECTION = B

LABEL PRECAUTIONARY STATEMENTS

POISON (U.S. Definition)

U.S. HAZARD LABELING

May be irritating to skin and eyes.
Toxic if ingested full strength.

EUROPEAN SYMBOLS

Harmful

EUROPEAN R PHRASES

Harmful if Swallowed.
Irritating to Eyes and Skin.

EUROPEAN S PHRASES

In Case of Contact with Eyes, Rinse Immediately with Plenty of Water and
Seek Medical Advice.
Wear Suitable Gloves.

SECTION 4. FIRST-AID MEASURES

INHALATION EXPOSURE: Remove to fresh air. Give oxygen and call a physician.
EYE CONTACT: Flush with water for 15 min. Seek medical help if necessary.
SKIN CONTACT: Wash area well with water. Seek medical help if necessary.
INGESTION: Administer water and call a physician or poison control

center immediately. Do not induce vomiting.

SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

CO2, FOAM, DRY CHEMICAL

SPECIAL FIRE FIGHTING PROCEDURES

Use standard fire fighting procedures.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None.

SECTION 6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Standard absorbents can be used.

WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 7. HANDLING AND STORAGE

HANDLING

Observe all warnings and precautions listed for the product.

Use in accordance with good manufacturing and industrial hygiene practices. Use product in a properly ventilated work area. Do not eat, drink or smoke while handling product.

STORAGE

Store tightly sealed under inert gas in a cool, well-ventilated area.

FIRE PROTECTION

Keep away from heat, sparks, and open flame.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION: Mechanical (general)

RESPIRATORY: Usually not required

SKIN: Rubber gloves

EYES: Splash-proof safety glasses

OTHER PROTECTIVE EQUIPMENT: Safety shower, eye wash

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR DESCRIPTION: powerful herbaceous and mushroom odor.

BOILING POINT: 174 C atmospheric

VAPOR PRESSURE (20 C, mm Hg): Not found

VAPOR DENSITY (Air = 1): > 1

SPECIFIC GRAVITY @ 25C (water = 1): 0.8310:0.8394

SOLUBILITY IN WATER: Insoluble in water; soluble in alcohol.

FLASH POINT (CC): 145 F 62 C

SECTION 10. STABILITY AND REACTIVITY

INCOMPATIBILITIES

CONDITIONS TO AVOID: Presents no special reactivity hazard.

MATERIALS TO AVOID: Strong oxidizing agents

HAZARDOUS COMBUSTION PRODUCTS

CO, CO2, water

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

Most likely route of entry is through the skin.
Liquid may be irritating to skin and eyes.
Material may be toxic if ingested full strength.
May cause serious health effects if swallowed.
Toxic.

RTECS NUMBERS

RTECS: (1-Octen-3-ol) RH3300000

IRRITATION DATA

10% in petrolatum produced no irritation or sensitization in humans.

TOXICITY DATA

LD50 Dermal (rabbit) 3.3 g/kg.

LD50 Oral (rat) 0.34 g/kg.

THRESHOLD LIMIT VALUE (TLV): Not established

OSHA PERMISSABLE EXPOSURE LIMIT (PEL): Not established

LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

SECTION 12. ECOLOGICAL INFORMATION

GENERAL

Prevent contamination of soil, ground- and surface water.

SECTION 13. DISPOSAL CONSIDERATION

WASTE DISPOSAL METHOD: Incineration or sanitary landfill in accordance with local, state, and federal regulations.

SECTION 14. TRANSPORT INFORMATION

Proper Ship Name: TOXIC LIQUID, ORGANIC, N.O.S.

Tech Name: (1-OCTEN-3-OL)

	Class	Pack Group	Sub. Risk	UN No.	IMDG Page
Road(U.S.-DOT):	6.1	III	n/a	2810	n/a
Air (IATA):	6.1	III	n/a	2810	n/a
Sea (IMDG):	6.1	III	n/a	2810	6270-1

NOTE: n/a = not applicable.

Transport Label(s): POISON

SECTION 15. REGULATORY INFORMATION

EUROPEAN INFORMATION

Harmful

The following risk and safety phrases were assigned based on toxicological studies in the published literature:

R22

Harmful if Swallowed.

R36/38

Irritating to Eyes and Skin.

S26

In Case of Contact with Eyes, Rinse Immediately with Plenty of Water and Seek Medical Advice.

S37

Wear Suitable Gloves.

REVIEWS, STANDARDS, AND REGULATIONS

This chemical is listed on the following inventories:

TSCA AICS CHINA DSL ECL EINECS(222-226-0) JAPAN PICCS SWISS

LISTED AS CARCINOGEN BY NTP, IARC, OR OSHA?: NO

SECTION 16. OTHER INFORMATION

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